TABLE 36

Cost For Soil And Groundwater Remedial Alternatives

	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6 DEQ Preferred Remedy
Description of Alternatives	No Action	Institutional Controls, SVE, Alternative Water Supplies and Asbestos Abatement	SVE, In Situ Air Sparging, Institutional Controls and Asbestos Abatement	SVE, Air Sparging, Excavation and Ex situ Soil Treatment, Institutional Controls and Asbestos Abatement	GW Pumping and Ex situ Treatment, SVE, Institutional Controls and Asbestos Abatement	SVE, Excavation, Soil Treatment, Institutional Controls, Groundwater Monitoring and Asbestos Abatement
Capital Cost	\$ 0	\$ 7,100	\$ 79,267	\$ 513,410	\$ 147,789	\$ 383,245 ¹
Annual Remedial System Operation and Maintenance (O&M) Cost	\$ 0	\$ 17,600	\$ 75,000	\$ 66,000	\$ 123,000	\$ 17,600
Years to Complete Remedy	0	5	5	5	5	10
Annual Groundwater Monitoring Cost	\$ 33,700	\$ 33,700	\$ 33,700	\$ 33,700	\$ 33,700	\$ 33,700
Number of Years Monitoring Required	20	20	10	10	10	20
Institutional Controls Cost		\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000
Annual Cinder Pile Cap O&M Cost						\$ 12,500
Years for Cinder Pile Cap O&M						100
Total Present Worth ²	\$501,000	\$665,000	\$776,000	\$1,170,000	\$1,065,000	\$1,495,734

¹ Includes one time basement vapor and private well sampling.

 $^{^{2}}$ Total present worth for all alternatives includes a 3 percent discount rate.